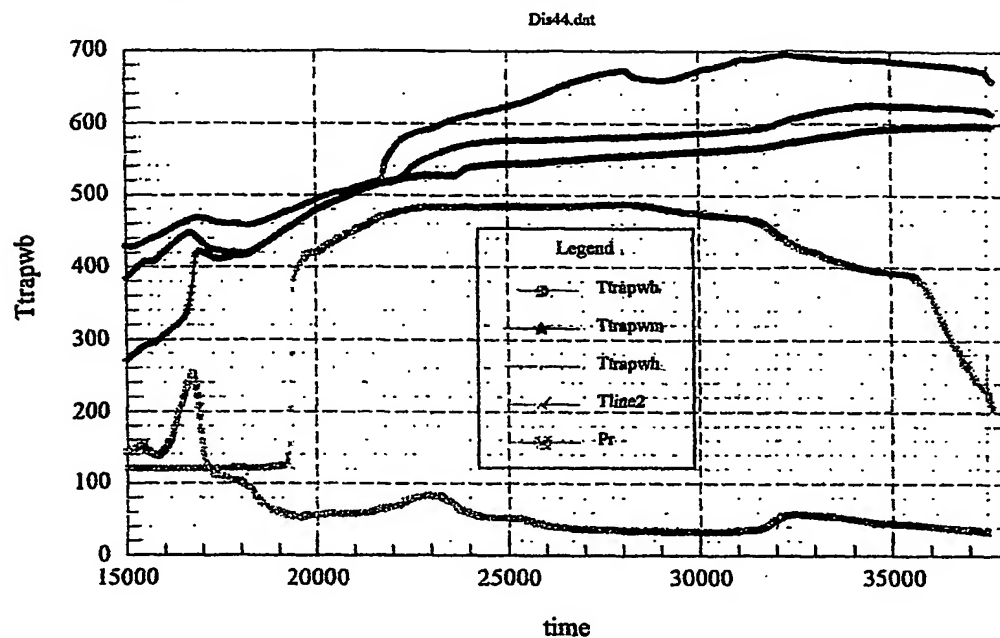


Fig. 1

The distill data for this run (BS44) is shown in the following graph.



TTrapwb, wm and wh are vessel wall temperatures at the bottom, middle, and top of the trap, Tline2 is a primary condenser line temperature (c) and Pr is the vacuum (mtorr).

Fig. 2

The distillation setup for this trap was as follows:

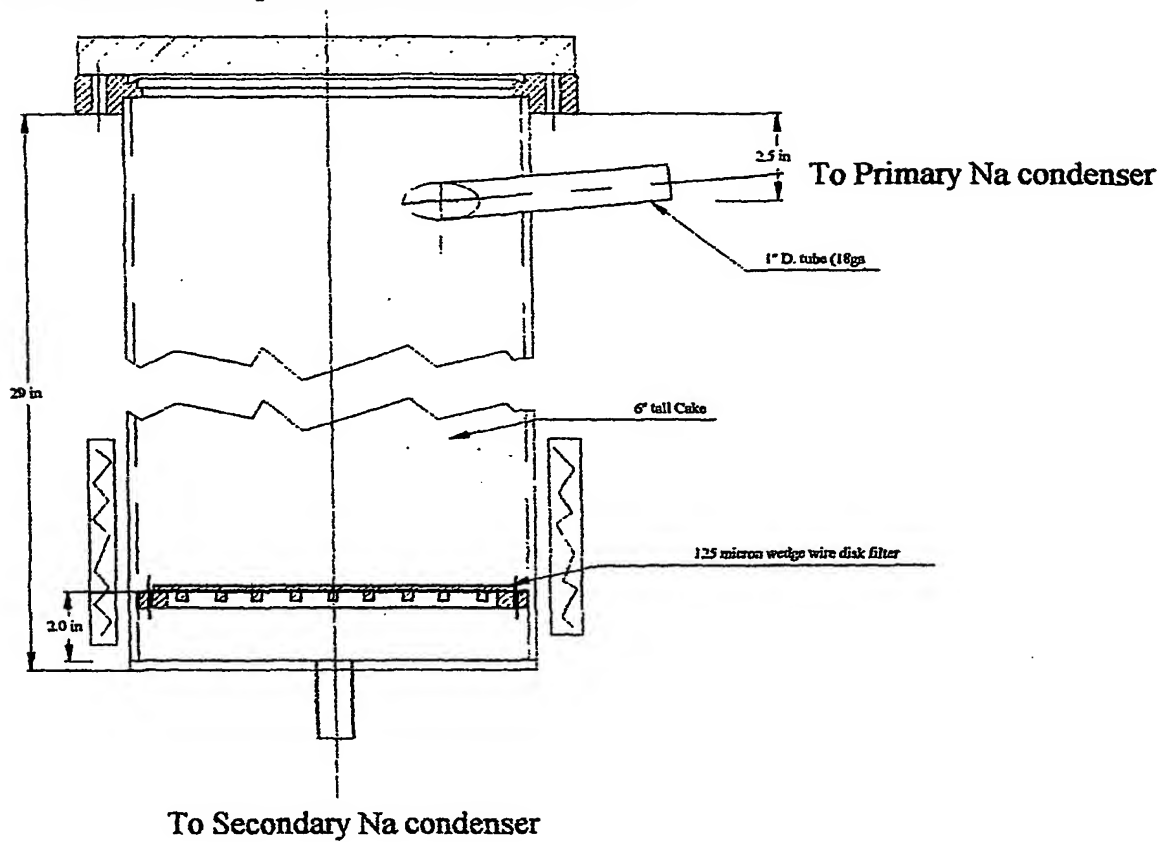
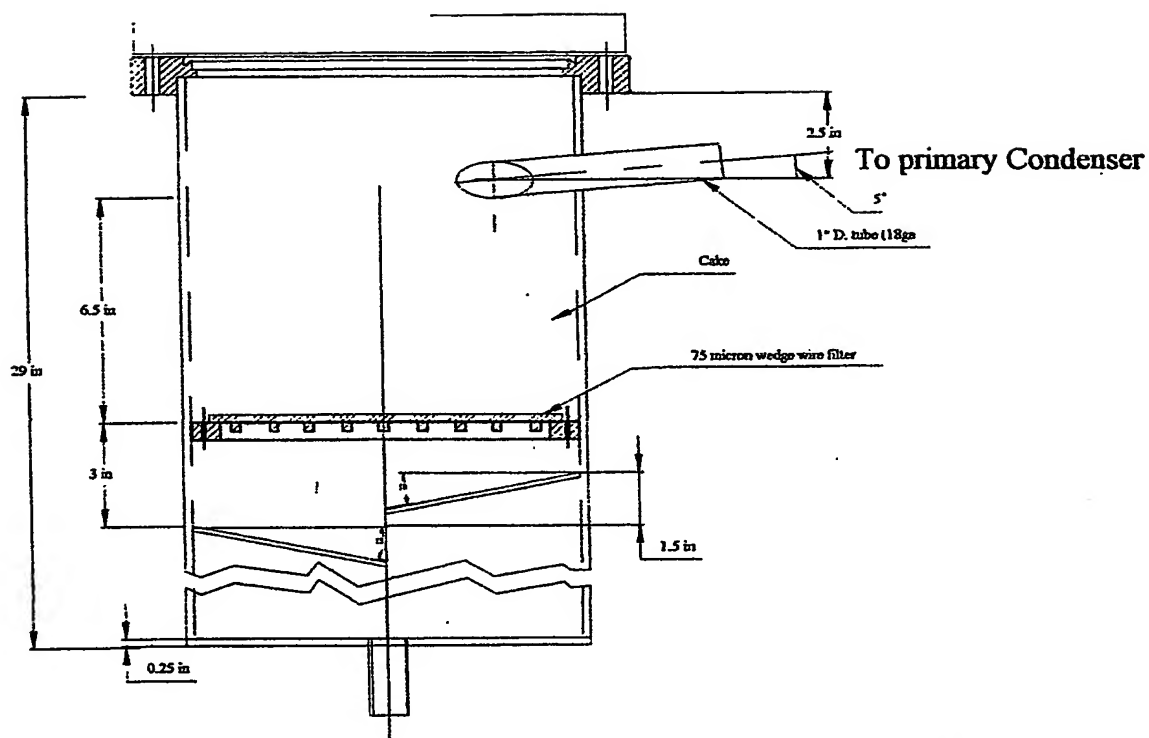


Fig.3



After the distillation, 1.6kg of na went to the primary condenser and 1.3kg of Na distilled into the bottom of the trap leaving a 3.1kg cake of Ti and NaCl.

Fig. 4